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[54]	MULTI-MODAL DATA INPUT/OUTPUT APPARATUS AND METHOD COMPATIBLE WITH BIO-ENGINEERING
	REQUIREMENTS

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[57] ABSTRACT

Apparatus and method for sensing, recognizing, displaying, processing and storing motion generated symbolic information including a hand held, mark-forming writing instrument having motion sensing means and a wrist mounted display communicating with the writing instrument through character recognition circuitry to simultaneously display information formed by the writing instrument. An information control and storage circuit is included capable of operating in any one of several possible modes to receive, store and cause the display of information thereby permitting a multiplicity of functions heretofor requiring a vastly greater number of physical components. In particular, this highly portable apparatus readily and broadly compliments the kinesiology of writing instruments and composures that accompany human thinking and problem solving. The operational modes include horological display, data calculation, reminder message storage and display, and

30 Claims, 17 Drawing Figures

financial account storage.

